

572-348

3/5/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Keith Trombley
Value Garden Supply, LLC
P.O. Box 585
St. Joseph, MO 64502

MAR 05 2014

Subject: Value Garden Supply, LLC; Hormo Root "A", EPA Reg. No. 572-348;
Amendment to Add Directions for Fruit, Vegetable and Herbs; D# 484024,
Application Dated 10/23/13

Dear Mr. Trombley:

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit two (2) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(b). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

If you have any questions contact Chris Pfeifer at 703-308-0031 or by email at: pfeifer.chris@epa.gov.

Sincerely,

Sheryl K. Reilly, Associate Branch Chief
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)

Enclosure

CONCURRENCES

SYMBOL	>	7511P	7511P						
SURNAME	>	Pfeifer	Reilly						
DATE	>	3/5/14	3/5/14						

Hormo-Root "A"

[MASTER LABEL]

ACCEPTED

MAR 05 2014

[Sublabel 1 for Commercial Use]

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for this pesticide registered under EPA Reg. No. 572-348

Hormo-Root "A"

- Plant Hormone-Like Powder
- Soft Wood Cuttings
- For Rooting Houseplant and Ornamental Cuttings
- Grow new plants from cuttings of your favorite plants, including: Philodendron, Pothos, Poinsettia, Geranium, Chrysanthemum, and many other houseplants and ornamentals.
- Hormo-Root "A" speeds root development, allowing you to grow new plants from cuttings fast!
- It's easy to grow new plants with Hormo-Root "A"! Whether you're passing along your favorite plants to friends, or growing new plants for yourself, this product makes propagation simple and fast.

[Sublabel 2 for Residential Use]
[PACKAGE 8 OZ AND SMALLER]

Hormo-Root "A"

- May be used on fruit and vegetable plants and seeds
- For use [with] [on] herbs
- Speeds Root Development
- For Rooting Ornamental Plants
- For Rooting Houseplants
- For Rooting Houseplant and Ornamental Cuttings
- For Rooting Groundcovers
- For treatment of bulbs, corms and roots of Ornamentals
- Gives Cuttings a Fast Start.
- Grow new plants from cuttings of your favorite plants, including: Philodendron, Pothos, Poinsettia, Geranium, Chrysanthemum, and many other houseplants and ornamentals.
- Hormo-Root "A" speeds root development, allowing you to grow new plants from cuttings fast!
- It's easy to grow new plants with Hormo-Root "A"! Whether you're passing along your favorite plants to friends or growing new plants for yourself, this product makes propagation simple and fast.
- Cut-Dip-Plant.

ACTIVE INGREDIENT:	
Indole-3-butyric acid	0.10%
INERT INGREDIENTS:	99.90%
Total	100.00%

[572-348 Hormo-Root A revision for crops 2-26-14]

ACCEPTED [Sublabel 1 for Commercial Use]

Hormo-Root "A"

Plant Hormone-Like Powder

- Soft Wood Cuttings
- For Rooting Houseplant and Ornamental Cuttings
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ACTIVE INGREDIENT:	
Indole-3-butyric acid	0.10%
INERT INGREDIENTS:	<u>99.90%</u>
Total	100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side/Back Panel for Additional Precautionary Statements

EPA Reg. No. 572-348

EPA Est. No. 44616-MO-1

Produced by:
 Value Garden Supply
 P.O. Box 585
 St. Joseph, MO 64502
 952-884-6477

Net Weight: _____

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes eye irritation. Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

FIRST AID	
If in Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If Swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on Skin or Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 – 20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
<p>Hot Line Number: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call the National Pesticide Information Center (NPIC) at 1-800-858-7378.</p>	

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to you State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry (REI) of 12 hours. EXCEPTION: If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls over long-sleeved shirt and long pants.
- Waterproof gloves.
- Shoes plus socks.
- Protective eyewear.

HORMO-ROOT "A" is recommended for the treatment of Azaleas (evergreen types), Chrysanthemums, Chinese Evergreens, Dieffenbachia, Dracaenas, Geraniums, Hydrangeas (greenhouse types), Ivy, Lantanas, Pandanus, Veitchi, Pachysandra, Peperomias, Philodendron, Poinsettias, Pothos, vegetables, fruit trees, small fruits, herbs, and a wide range of other plants and for general treatment of seeds, bulbs, roots, corms, or ornamental plants.

POWDER DIPPING PROCEDURE FOR SOFT WOOD CUTTINGS: When using Hormo-Root "A" powder, it is desirable to have bottom heat preferably between 70-75° F. Treated cuttings should not have less than a 60° F Temperature. Any rooting medium may be used but a mixture of sand and peat has been found very satisfactory for most vegetative reproduction.

Smooth stemmed cuttings should be slightly moistened before dipping in the powder to a depth that will cover the stem lightly to a point slightly higher than the cutting will be set in the sand or other medium. To remove excess powder, tap on the edge of the container.

Softwood cuttings, also known as slips, are made from immature non-woody growth and include most house plants and perennials. Cuttings should be from stems that are brittle. Use tip cuttings 2" to 8" long, depending on size of plant. With a sharp knife cut just below a node or leaf.

Timing would be from August to December depending on when the plant makes new growth. Greenhouse cuttings may be made according to the conditions of the cuttings, regardless of the season.

Geraniums and other cuttings with rough stems should not be moistened before treatment.

It has been found by leading growers that Geraniums may be treated and potted directly into a rather sandy soil. Excellent results have been obtained by this method.

Be sure that the trench or hole in the sand or soil is sufficiently large so that the powder is not rubbed off when inserting the cuttings.

GENERAL TREATMENT OF SEEDS, BULBS, CORMS, AND ROOTS OF "ORNAMENTAL PLANTS": Dust with Hormo-Root "A", agitating in a bag or other container into which the powder and seeds have been introduced, so that a light coating is deposited. Screen off any excess powder for future use.

Hormo-Root "A" powder is light and usually goes further than other preparations. One pound should treat 35-40,000 average cuttings.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in tightly closed, original container in a dry, cool, dark, locked area away from children and domestic animals.

Pesticide Disposal and Container Handling: If empty: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. **If partly filled:** Dispose of at an approved waste disposal facility.

NOTICE: Seller makes no warranty or guarantee of any kind, expressed or implied, concerning effects of use of this product, other than those specified on this label. Buyer or user accepts all responsibility for results due to misuse or improper handling of this product.

FOR SALE, STORAGE, AND USE BY NURSERYMEN!

7/9

[Sublabel 2 for Residential Use]
[PACKAGE 8 OZ AND SMALLER]
[Alternate Name: Hormo Root Formula A]

Hormo-Root "A"

- May be used on fruit and vegetable plants and seeds
- For use [with] [on] herbs
- Speeds Root Development
- For Rooting Ornamental Plants
- For Rooting Houseplants
- For Rooting Houseplant and Ornamental Cuttings
- For Rooting Groundcovers
- For treatment of bulbs, corms and roots of Ornamentals
- Gives Cuttings a Fast Start.
- Grow new plants from cuttings of your favorite plants, including: Philodendron, Pothos, Poinsettia, Geranium, Chrysanthemum, and many other houseplants and ornamentals.
- Hormo-Root "A" speeds root development, allowing you to grow new plants from cuttings fast!
- It's easy to grow new plants with Hormo-Root "A"! Whether you're passing along your favorite plants to friends, or growing new plants for yourself, this product makes propagation simple and fast.
- Cut-Dip-Plant.

ACTIVE INGREDIENT:	
Indole-3-butyric acid	0.10%
INERT INGREDIENTS:	99.90%
Total	100.00%

KEEP OUT OF REACH OF CHILDREN
CAUTION

See Side/Back Panel for Additional Precautionary Statements

EPA Reg. No. 572-348

EPA Est. No. 44616-MO-1

Produced by:
Value Garden Supply
P.O. Box 585
St. Joseph, MO 64502
952-884-6477

Net Weight: 1 oz., 2 oz.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes eye irritation. Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

FIRST AID	
If in Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If Swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on Skin or Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 – 20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
Hot Line Number: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call the National Pesticide Information Center (NPIC) at 1-800-858-7378.	

USER SAFETY RECOMMENDATIONS

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes of climatic modification and being grown in interior landscapes, ornamental gardens or parks, or on lawns and grounds.

Hormo-Root "A" is recommended for the rooting treatment of many houseplants and Azaleas (evergreen types), Chrysanthemums, Chinese Evergreens, Dieffenbachia, Dracaenas, Geraniums, Hydrangeas, Ivy, Lantanas, Pandanus, Veitchi, Pachysandra, Peperomias, Philodendron, Poinsettias, Pothos, vegetables, fruit trees, small fruits, herbs, and a wide range of other plants. This product may also be used for general treatment of bulbs, roots, and corms, or ornamental plants.

POWDER DIPPING PROCEDURE:

Select cuttings from a vigorous healthy plant. Tips should be 2" to 8" long. Cuttings should be from stems that are brittle.

Cut just below a node or leaf with a sharp knife.

Remove any leaves or flowers at the base of the cutting.

Before Dipping in Powder, smooth stemmed cuttings should be slightly moistened. Cuttings with rough stems should not be moistened before treatment.

Dip in Powder to a depth that will cover the stem lightly to a point slightly higher than the cutting will be set in the rooting medium. To remove excess powder, tap on the edge of the container, letting excess fall back into the unused rooting powder.

Plant: Any rooting medium may be used, but a mixture of sand and peat potting soil has been found very satisfactory for most vegetative reproduction. Be sure that the trench or hole in the soil is large enough so that the powder is not rubbed off when inserting the cuttings. Firm soil around cutting to avoid air pockets.

Keep rooting medium moderately moist until roots are established. Treated cuttings should not have less than a 60° F Temperature.

GENERAL TREATMENT OF SEEDS, BULBS, CORMS AND ROOTS OF

ORNAMENTAL PLANTS: Place Hormo-Root "A" and bulbs, corms or roots into a sealed bag or container. Shake well to deposit a light coating. Screen off excess powder for future use.

Two ounces of Hormo-Root "A" should treat approximately 4,500 average cuttings.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in tightly closed, original container in a dry, cool, dark, locked area away from children and domestic animals.

Pesticide Disposal and Container Handling: If empty: Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

NOTICE: Seller makes no warranty or guarantee of any kind, expressed or implied, concerning effects of use of this product, other than those specified on this label. Buyer accepts all responsibility for results due to misuse or improper handling of this product.